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One page.

☐ 1: Favrin G, Irback A, Mohanty S.

Related Articles, Links

Oligomerization of Amyloid A{beta} 16-22 Peptides Using Hydrogen Bonds and Hydrophobicity Forces.

Biophys J. 2004 Dec;87(6):3657-3664. Epub 2004 Sep 17.

PMID: 15377534 [PubMed - as supplied by publisher]

☐ 2: Yoon S, Welsh WJ.

Related Articles, Links

Detecting hidden sequence propensity for amyloid fibril formation.

Protein Sci. 2004 Aug;13(8):2149-60.

PMID: 15273309 [PubMed - in process]

☐ 3: Petkova AT, Buntkowsky G, Dyda F, Leapman RD, Yau WM, Tycko R.

Related Articles, Links

Solid state NMR reveals a pH-dependent antiparallel beta-sheet registry in fibrils formed by a beta-amyloid peptide.

J Mol Biol. 2004 Jan 2;335(1):247-60.

PMID: 14659754 [PubMed - indexed for MEDLINE]

☐ 4: Bond JP, Deverin SP, Inouye H, el-Agnaf OM, Teeter MM, Kirschner DA.

Related Articles, Links

Assemblies of Alzheimer's peptides A beta 25-35 and A beta 31-35: reverse-turn conformation and side-chain interactions revealed by X-ray diffraction.

J Struct Biol. 2003 Feb;141(2):156-70.

PMID: 12615542 [PubMed - indexed for MEDLINE]

☐ 5: Gordon DJ, Meredith SC.

Related Articles, Links

Probing the role of backbone hydrogen bonding in beta-amyloid fibrils with inhibitor peptides containing ester bonds at alternate positions.

Biochemistry. 2003 Jan 21;42(2):475-85.

PMID: 12525175 [PubMed - indexed for MEDLINE]

☐ 6: Petkova AT, Ishii Y, Balbach JJ, Antzutkin ON, Leapman RD, Delaglio F, Tycko R.

Related Articles, Links

A structural model for Alzheimer's beta -amyloid fibrils based on experimental constraints from solid state NMR.

Proc Natl Acad Sci U S A. 2002 Dec 24;99(26):16742-7. Epub 2002 Dec 12.

PMID: 12481027 [PubMed - indexed for MEDLINE]

☐ 7: Gordon DJ, Tappe R, Meredith SC.

Related Articles, Links

Design and characterization of a membrane permeable N-methyl amino acid-containing peptide that inhibits Abeta1-40 fibrillogenesis.








J Pept Res. 2002 Jul;60(1):37-55.

PMID: 12081625 [PubMed - indexed for MEDLINE]

☐ 8: Gordon DJ, Sciarretta KL, Meredith SC.

Related Articles, Links

Inhibition of beta-amyloid(40) fibrillogenesis and disassembly of beta-amyloid(40) fibrils

-  by short beta-amyloid congeners containing N-methyl amino acids at alternate residues.  
Biochemistry. 2001 Jul 27;40(28):8237-45.  
PMID: 11444969 [PubMed - indexed for MEDLINE]
- ☐ **9:** [Balbach JJ, Ishii Y, Antzutkin ON, Leapman RD, Rizzo NW, Dyda F, Reed J, Tycko R.](#) [Related Articles](#), [Links](#)  
Amyloid fibril formation by A beta 16-22, a seven-residue fragment of the Alzheimer's beta-amyloid peptide, and structural characterization by solid state NMR.  
Biochemistry. 2000 Nov 14;39(45):13748-59.  
PMID: 11076514 [PubMed - indexed for MEDLINE]
- ☐ **10:** [Lynn DG, Meredith SC.](#) [Related Articles](#), [Links](#)  
 Review: model peptides and the physicochemical approach to beta-amyloids.  
J Struct Biol. 2000 Jun;130(2-3):153-73. Review.  
PMID: 10940223 [PubMed - indexed for MEDLINE]
- ☐ **11:** [Wilson D, Valluzzi R, Kaplan D.](#) [Related Articles](#), [Links](#)  
 Conformational transitions in model silk peptides.  
Biophys J. 2000 May;78(5):2690-701.  
PMID: 10777765 [PubMed - indexed for MEDLINE]
- ☐ **12:** [Benzinger TL, Gregory DM, Burkoth TS, Miller-Auer H, Lynn DG, Botto RE, Meredith SC.](#) [Related Articles](#), [Links](#)  
 Two-dimensional structure of beta-amyloid(10-35) fibrils.  
Biochemistry. 2000 Mar 28;39(12):3491-9.  
PMID: 10727245 [PubMed - indexed for MEDLINE]
- ☐ **13:** [Gursky O, Aleshkov S.](#) [Related Articles](#), [Links](#)  
 Temperature-dependent beta-sheet formation in beta-amyloid Abeta(1-40) peptide in water: uncoupling beta-structure folding from aggregation.  
Biochim Biophys Acta. 2000 Jan 3;1476(1):93-102.  
PMID: 10606771 [PubMed - indexed for MEDLINE]
- ☐ **14:** [Hakalehto E, Santa H, Vepsalainen J, Laatikainen R, Finne J.](#) [Related Articles](#), [Links](#)  
 Identification of a common structural motif in the disordered N-terminal region of bacterial flagellins--evidence for a new class of fibril-forming peptides.  
Eur J Biochem. 1997 Nov 15;250(1):19-29.  
PMID: 9431986 [PubMed - indexed for MEDLINE]
- ☐ **15:** [Lukacs CM, Christianson DW.](#) [Related Articles](#), [Links](#)  
 Is the binding of beta-amyloid protein to antichymotrypsin in Alzheimer plaques mediated by a beta-strand insertion?  
Proteins. 1996 Aug;25(4):420-4.  
PMID: 8865337 [PubMed - indexed for MEDLINE]

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☐ 1: Gordon DJ, Tappe R, Meredith SC.

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Design and characterization of a membrane permeable N-methyl amino acid-containing peptide that inhibits Abeta1-40 fibrillogenesis.

J Pept Res. 2002 Jul;60(1):37-55.

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<input type="checkbox"/>	L3	beta adj amyloid? and beta adj (structure or sheet or strand) and KLVFF	1
<input type="checkbox"/>	L2	beta adj amyloid? same beta adj (structure or sheet or strand)	3
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☐ 1. Document ID: US 20040157781 A1

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L4: Entry 1 of 8

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040157781

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040157781 A1

TITLE: Peptide binding the KLVFF-sequence of amyloid-beta

PUBLICATION-DATE: August 12, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nordstedt, Christer	Mulhouse		FR	
Naslund, Jan	Stockholm		SE	
Thyberg, Johan	Stockholm		SE	
Tjernberg, Lars O.	Spanga		SE	
Terenius, Lars	Uppsala		SE	

US-CL-CURRENT: 514/16; 530/329

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 2. Document ID: US 20040005307 A1

L4: Entry 2 of 8

File: PGPB

Jan 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040005307

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040005307 A1

TITLE: Modulators of amyloid aggregation

PUBLICATION-DATE: January 8, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Findeis, Mark A.	Cambridge	MA	US	
Benjamin, Howard	Lexington	MA	US	
Garnick, Marc B.	Brookline	MA	US	
Gefter, Malcolm L.	Lincoln	MA	US	

Hundal, Arvind	Brighton	MA	US
Kasman, Laura	Athens	GA	US
Musso, Gary	Hopkinton	MA	US
Signer, Ethan R.	Cambridge	MA	US
Wakefield, James	Brookline	MA	US
Reed, Michael J.	Marietta	GA	US

US-CL-CURRENT: 424/94.3; 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 3. Document ID: US 20030130484 A1

L4: Entry 3 of 8

File: PGPB

Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030130484  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030130484 A1

TITLE: Inhibitors and disassemblers of fibrillogenesis

PUBLICATION-DATE: July 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gordon, David J.	Chicago	IL	US	
Meredith, Stephen C.	Chicago	IL	US	

US-CL-CURRENT: 530/350; 435/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 4. Document ID: US 20020098173 A1

L4: Entry 4 of 8

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098173  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020098173 A1

TITLE: Modulators of amyloid aggregation

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Findeis, Mark A.	Cambridge	MA	US	
Benjamin, Howard	Lexington	MA	US	
Garnick, Marc B.	Brookline	MA	US	

Gefter, Malcolm L.	Lincoln	MA	US
Hundal, Arvind	Brighton	MA	US
Kasman, Laura	Athens	GA	US
Musso, Gary	Hopkinton	MA	US
Signer, Ethan R.	Cambridge	MA	US
Wakefield, James	Brookline	MA	US
Reed, Michael J.	Marietta	GA	US

US-CL-CURRENT: 424/94.3; 435/226

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 5. Document ID: US 20020094957 A1

L4: Entry 5 of 8

File: PGPB

Jul 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020094957  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020094957 A1

TITLE: Peptide binding the KLVFF-sequence of amyloid-beta

PUBLICATION-DATE: July 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nordstedt, Christer	Mulhouse		FR	
Naslund, Jan	Stockholm		SE	
Thyberg, Johan	Stockholm		SE	
Tjernberg, Lars O.	Spanga		SE	
Terenius, Lars	Uppsala		SE	

US-CL-CURRENT: 514/15; 514/16, 530/328, 530/329

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 6. Document ID: US 6331440 B1

L4: Entry 6 of 8

File: USPT

Dec 18, 2001

US-PAT-NO: 6331440  
DOCUMENT-IDENTIFIER: US 6331440 B1

TITLE: Peptide binding the KLVFF-sequence of amyloid-.beta..

DATE-ISSUED: December 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
------	------	-------	----------	---------

Nordstedt; Christer	Mulhouse		FR
Naslund; Jan	New York	NY	
Thyberg; Johan	Stockholm		SE
Tjernberg; Lars O.	Spanga		SE
Terenius; Lars	Uppsala		SE

US-CL-CURRENT: 436/501; 435/7.1, 514/17, 514/18, 514/2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 7. Document ID: US 6319498 B1

L4: Entry 7 of 8

File: USPT

Nov 20, 2001

US-PAT-NO: 6319498  
DOCUMENT-IDENTIFIER: US 6319498 B1  
**\*\* See image for Certificate of Correction \*\***

TITLE: Modulators of amyloid aggregation

DATE-ISSUED: November 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Findeis; Mark A.	Cambridge	MA		
Benjamin; Howard	Lexington	MA		
Garnick; Marc B.	Brookline	MA		
Gefter; Malcolm L.	Lincoln	MA		
Hundal; Arvind	Brighton	MA		
Kasman; Laura	Athens	GA		
Musso; Gary	Hopkinton	MA		
Signer; Ethan R.	Cambridge	MA		
Wakefield; James	Brookline	MA		
Reed; Michael J.	Marietta	GA		

US-CL-CURRENT: 424/94.3; 424/94.61, 435/188, 435/206, 514/12, 514/21, 514/7, 530/307, 530/324, 530/345, 530/350, 530/359 , 530/382, 530/394, 530/402, 530/410

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 8. Document ID: US 5854204 A

L4: Entry 8 of 8

File: USPT

Dec 29, 1998

US-PAT-NO: 5854204  
DOCUMENT-IDENTIFIER: US 5854204 A

TITLE: A.beta. peptides that modulate .beta.-amyloid aggregation



DATE-ISSUED: December 29, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Findeis; Mark A.	Cambridge	MA		
Benjamin; Howard	Lexington	MA		
Garnick; Marc B.	Brookline	MA		
Gefter; Malcolm L.	Lincoln	MA		
Hundal; Arvind	Brighton	MA		
Kasman; Laura	Athens	GA		
Musso; Gary	Hopkinton	MA		
Signer; Ethan R.	Cambridge	MA		
Wakefield; James	Brookline	MA		
Reed; Michael	Marietta	GA		
Molineaux; Susan	Brookline	MA		
Kubasek; William	Belmont	MA		
Chin; Joseph	Salem	MA		
Lee; Jung-Ja	Wayland	MA		
Kelley; Michael	Arlington	MA		

US-CL-CURRENT: 514/2; 514/12, 514/14, 530/324, 530/326

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	References	Claims	KWIC	Draw Desc	Image
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STRAND	133700
STRANDS	110943
KLVFF	20
KLVFFS	0
AMYLOID?	0
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